

COAXIAL CABLE JUMPER ASSEMBLY INCLUDING
PLATED OUTER CONDUCTOR AND ASSOCIATED METHODS

Abstract of the Disclosure

A jumper coaxial cable assembly includes a jumper coaxial cable and at least one solder-type connector secured thereto. The cable may include an outer conductor, which, in turn, includes aluminum with a tin layer thereon. The tin layer permits an aluminum outer conductor to be used, yet facilitates soldering of the solder-type connector onto the outer conductor. The tin layer may be a tin alloy, such as a tin/lead alloy, for example. The outer conductor may have a continuous, non-braided, tubular shape, and the tin layer may extend continuously along an entire length of the outer conductor. The tin layer may be readily formed by tin plating during manufacturing of the jumper coaxial cable.

The jumper coaxial cable assembly may be joined to a main coaxial cable and/or to electronic equipment.